Summer Math IB A&A-1

The purpose of this summer math assignment is to review five foundational Algebra and Geometry topics to allow more time for the new IB content. There will be some time in class and time outside of class for questions or clarification before an assessment on this material will be given. Summer math work and the assessment will count 5% in your first semester grade.

You may want to do additional problems in a set for better understanding or come back and do additional practice as needed. It is assumed you can graph a linear equation (sec 1B) and can simplify a radical (sec 3A prob 3), review if needed.

Some sections are longer, pace yourself, do a few sections each week. This should be familiar material. Read explanations and look at examples as needed. In IB, slope is called gradient.

There are four assignments, an assignment will be due every three weeks, **Sunday June 15**, **Sunday July 6, Sunday July 27** and **Sunday August 17**.
Late work will be accepted for reduced credit

Submit your work to Google Classroom for each assignment by the due dates indicated
* SHOW ALL WORK in a clear orderly way, label sections, write the original problem not answers only, graph on graph paper.
* CHECK your work (all answers are in the back of the book), <u>make note of any problems you have trouble with</u>.

Due Sunday June 15
Chapter 1 Straight Lines
Sec 1A pgs 22-26 pr 6, 9d, 18b, d, 21c
Sec 1C pg 29 pr 3, 4, 8
Sec 1D pgs 30-31 pr 2c, 3b, c / pg 31 pr 1b / pg33 pr 2e, 3e
Sec 1E pgs 34-35 pr 2, 6

Chapter 3 Surds and Exponents
Sec 3A pgs 66-68 pr 1i, j, l, 6d, e 7f, 8c, e, 9g, i, 10a, e
Sec 3B pg 69 pr 1a, e, i, m, q, 2b, e, g, j, o, 3b, d, f, h
Sec 3C pg 70 pr 3a, b, f, g, 4c, d, e, f, g
Sec 3D pg 72-77 pr 2e, j, 3a, g, 4a, e, 5d, e, 7c, d, f, g, h, i, 9d, h, i, k, n

Due Sunday July 6
Chapter 3 Surds and Exponents (continued)
Sec 3D pgs 74-77 pr 11e, i, k, 13f, j, 14g, h, 15g, 16e, f, g, h, p, 18d, e, 19j, 20f
Sec 3E pgs 78-80 pr 2k, l, 9, 10, 11, 12a-d

Chapter 4 Equations
Sec 4A pg 85 pr 2g, h, i, l
Sec 4B pg 86 pr 1b, c, d, e, g, i, 2b, d, e, f, g, h, i, 3a, b, 4b, c, d, g, i
Sec 4D.1 pgs 88-90 pr 1a, f, 2b, e, f, g, i, 3a, b, c, d, f, g, j, 4b, e

Due Sunday July 27

Chapter 4 Equations (continued)

Sec 4D.3 pg 93 pr 1b, f, h, 2a, c, e, g, h

Sec 4D.4 pgs 94-95 pr 1, 2, 3, 4, 6

Sec 4F pgs 97-98 pr 2a, b, c, 3a, b, 4a

Chapter 6 Measurement

Sec 6A pgs 147-148 pr 1, 2e, 3, 5e

Sec 6B.1 pgs 149- 151 pr 2b, 4a, 7

Sec 6B.2 pgs 152-154 pr 1b, c, 5, 11

Due Sunday August 17

Chapter 6 Measurement (continued)

Sec 6C.1 pgs 154-157 pr 1e, g, 3b, 11

Sec 6C.2 pgs 160-161 pr 1b, c, d, e, 2a, 4

Sec 6D pgs 164-166 pr 1, 2, 4c,10

Chapter 7 Right Triangle Trigonometry

Sec 7A pgs 176 pr 7

Sec 7B pgs 177-178 pr 2a, b, c, i, j, k, 4a, b, c

Sec 7C pgs 179-180 pr 1a, b, c, 3a, b, c, 5a, b

Summer Math IB A&A-2

The purpose of this summer math assignment is to review Geometry topics to allow more time for the new IB content and to practice year one topics for the IB exam. There will be some time in class and time outside of class for questions or clarification before an assessment on the textbook material will be given. Summer math work and the assessment will count 5% in your first semester grade.

There are four assignments, an assignment will be due every three weeks, **Sunday June 15**, **Sunday July 6, Sunday July 27** and **Sunday August 17**.
Late work will be accepted for reduced credit

Submit your work to Google Classroom for each assignment by the due dates indicated
* SHOW ALL WORK in a clear orderly way, label sections, write the original problem not answers only, graph on graph paper.
* CHECK your work (all answers are in the back of the book or answer keys provided), <u>make note of any problems you have trouble with</u>.

Due Sunday June 15
Chapter 6 Measurement
Sec 6B.1 pgs 149- 151 pr 2b, 4a, 7
Sec 6B.2 pgs 152-154 pr 1b, c, 5, 11
Sec 6C.1 pgs 154-157 pr 1e, g, 3b, 11
Sec 6C.2 pgs 160-161 pr 1b, c, d, e, 2a, 4
Sec 6D pgs 164-166 pr 1, 2, 4c,10

Chapter 7 Right Triangle Trigonometry make sure your calculator is in degrees -under mode
Sec 7E pgs 185-187 pr 1, 2, 3, 4, 7, 11
Sec 7F pg 193 pr 11, 12, 13

Chapter 8 Non-Right Triangle Trigonometry make sure your calculator is in degrees -under mode
Sec 8E pgs 215-218 pr 1, 3, 5, 6, 9, 14

Due Sunday July 6
Exam Review Topic 1 Number and Algebra

Due Sunday July 27
Exam Review Topic 2 Functions

Due Sunday August 17
Exam Review Topic 4 Stats & Probability